

# Câble anti - feu Energie CR1/C1 - 4x35

Halogen-free 0.6/1kV rigid cables, fire retardant, with copper core, green sheath. ALSECURE® Cca cables are designed for private or public residential buildings and industry, for control and power circuits.



## DESCRIPTION

### Application

ALSECURE® Cca cables are designed to be used in private residences or public areas, in all premises open to the public and industries, for power and control circuits.

ALSECURE® Cca cables are **fire retardant**, low smoke and **halogen free**. In the event of fire, emitted gases are non corrosive and have a very low toxicity.

## CHARACTERISTICS

### Construction characteristics

Conductor flexibility	Stranded class 2
Conductor material	Bare copper
Insulation	XLPE (Cross-linked Polyethylene)
Outer sheath	Halogen free polyolefin
Sheath colour	Green
Halogen free	IEC 60754-1
Conductor shape	-
Higher heating value	- MJ/km
With Green/Yellow core	Yes
With smaller neutral conductor	No

### Dimensional characteristics

Neutral conductor section (when smaller)	- mm <sup>2</sup>
Minimum outer diameter	23.0 mm
Maximum outer diameter	28.5 mm
Number of cores	4
Conductor cross-section	35 mm <sup>2</sup>

### Electrical characteristics

Rated Voltage U <sub>0</sub> /U (U <sub>m</sub> )	0.6/ 1 (1.2) kV
---	-----------------

### Usage characteristics

Operating temperature, range	-20 - 60 °C
Gases corrosivity	IEC 60754-2
Smoke density	EN 50399
Flame retardant	NFC 32070 C2, IEC 60332-1-2
Fire retardant	NFC 32070 C1, IEC 60332-3-24
Water proof	Good
U.V resistance	AN2
Max. conductor temperature in service	90 °C

## Marking



Halogen free  
IEC 60754-1



Conductor flexibility  
Stranded class 2



Rated Voltage U<sub>0</sub>/U  
(U<sub>m</sub>)



Cable flexibility  
Rigid



Fire resistant  
CR1, NFC 32-070



Fire retardant  
C1, NFC 32-070



Smoke density  
IEC 61034



Gases toxicity  
Low